

Ball Screw Nut Brackets

Comprehensive product lines to accommodate various ball screws / lead screws.



*For illustration only.

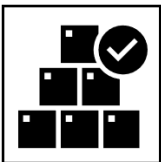
KEY FEATURES



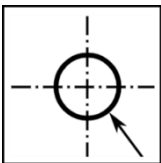
Standardized product
Designed based on popular dimensions, allowing compatibility with a wide range of servo motors and stepper motors.



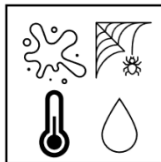
Consistent quality and service life
Audited factory and production line ensure consistent product quality, while mature design guarantees long-term supply of product and parts.



Short product lead time
Most standardized products are available in stock. In stock items can be shipped within 2 working days with reception of purchase order.



Guaranteed geometric tolerance
One-piece integrally machined ball screw nut brackets not only ensure geometric tolerance but also significantly reduce costs.



Made for harsh environments
Solid construction provides superior structural rigidity. All nut brackets receive surface treatment to protect them from corrosion.

DESCRIPTION

The ball screw nut bracket—also referred to as nut bracket or nut housing, is the structural interface between the ball screw nut and the table surface. While primarily designed for ball screws, it is also compatible with other types of lead screws, such as trapezoidal screws.

In precision linear motion systems, a high-quality nut bracket ensures perpendicular alignment between the nut flange and the table surface. This alignment is critical for accurate ball screw installation, promoting smooth, low-vibration motion and extending the overall service life of the system.

HZMotion nut brackets are engineered for wide compatibility and outstanding performance, making them an excellent choice for high-demand applications. Trusted for their precision and durability, HZMotion locknut housings are your reliable solution for designing high-accuracy linear motion systems.

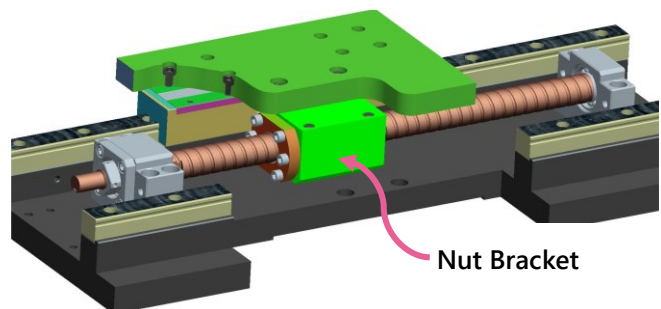


Figure 1: Typical ball screw nut bracket application

RESOURCES & TECHNICAL INFORMATION:

Instant pricing and order online:



<https://www.hzmotion.com/#/pages/catalogs/index>

Download 3D & 2D drawing:



<https://www.hzmotion.com/#/pages/catalogs/index>

Bearing life calculation tool:

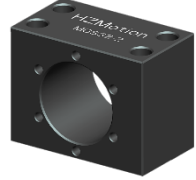
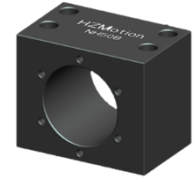


<https://www.hzmotion.com/#/pages/tools/index>

PRODUCT LINEUP AND CLASSIFICATION:

Main characteristics comparison across different types:

- All ball screw nut bracket receives black oxide surface treatment by default. Electroless Nickel Plating treatment is available upon special request.

Type:	Applicable Ballscrew Diameter:	Illustration:	Description:
MC	10mm - 20mm		➤ Open barrel nut bracket. ➤ Interchangeable with THK products.
MGD	12mm - 50mm		➤ Closed barrel nut bracket. ➤ Designed according to DIN 69051-part5 standard
MGS	20mm - 50mm		➤ Closed barrel nut bracket. ➤ Interchangeable with Rexroth products.
NH	8mm - 50mm		➤ Closed barrel nut bracket. ➤ HZMotion original design with wide compatibility.

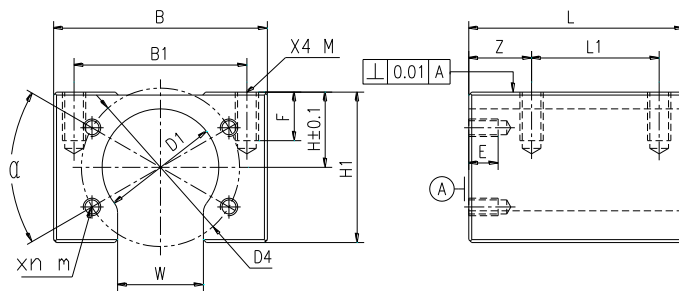
HOW TO ORDER / PART NUMBER LOOKUP:

Ball screw nut bracket part number lookup:

NH	20	A
Nut Bracket Construction	Applicable Ball Screw Diameter	Motor Bracket Type
MC	MC: 10-20 mm	[Blank]
MGD	MGD: 12-50 mm	A
MGS	MGS: 20-50 mm	B
NH	NH: 8-50 mm	C
		D
		E
		F

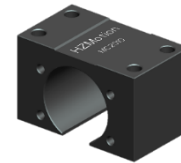
MC Type Ball Screw Nut Bracket

MC type ball screw nut bracket dimensions:



Product Specifications:

Material	C45
Surface treatment:	Black oxide



Model	B	L	H1	H	D1	D4	n	m	E	α	B1	L1	M	F	Z
MC1004	48	32	32.5	20	26.4	36	4	M4	7	60°	40	16	M5	10	10
MC1205	60	36	37	21	30.4	40	4	M4	7	60°	47	24	M6	12	6
MC1408	60	36	37	21.5	34.4	45	4	M5	7	60°	50	20	M6	12	10
MC2010	86	50	54	31	46.4	59	4	M6	10	60°	70	30	M10	20	10
MC2020-1	86	40	51	28	39.4	59	4	M6	10	60°	70	24	M10	20	8
MC2020-2	86	40	51	28	39.4	50	4	M5	10	60°	70	24	M10	20	8

Unnoted dimensions in [mm]

MC type ball screw nut bracket application table:

Model	Ball Screw Manufacturer							
	THK		NSK		KURODA		HIWIN	
MC1004	BNK1004	BNK1404	W10...FA...4	SFT1004-2.5	GE1004DS-BAPR	GR1004DD-BAPR	R8-2.5B1-FSW	R14-4T3-FSI
	BNK1010	JPF1404	PFT1004-2.5	W10...FS...4	GR1004DS-BAPR	GW1004DS-HANR	R10-4B1-FSB	R10-10A1-FSB
	MDK1404	JPF1405	W10...KA...4		GR1005DD-BAPR	GY1004DS-HANR	R12-4B1-FSV	
	MDK1405				GR1005DS-BAPR	GG1004DS-BAPR		
MC1205	BNK1205	BNK1208	W12...FA...5	W12...FA...10	GW1204DS-HANR	GY1204DS-HANR	R10-4B1-FSW	R12-4B1-FSW
			W12...KA...5	W12...KA...10	GP1205DS-BALR	GE1205DS-BALR	R12-4C1-FSB	R12-5B1-FSW
			W12...FS...5	W12...FS...10	GR1205DS-BALR	GR1205DD-BALR	R1210B1-FSW	
			VFA1210...	RNFTL1405A2.5S	GE1210AS-BALR	GG1210AS-BALR		
			PFT1204-2.5	PFT1204-3	GW1210AS-HULR	GW1210BS-HULR		
			SFT1204-2.5	SFT1204-3	GY1210AS-HULR	GY1210BS-HULR		
			PFT1205-2.5	SFT1205-2.5	FE1510PS-HPNR	FE1520PS-HPNR		
			PFT1205-3	SFT1205-3	FR1510PS-HPNR	FR1520PS-HPNR		
			LPFT1210-2.5	LSFT1210-2.5	GY1510DS-CTLR			
MC1408	BNK1408	BNK1510	W14...FA...5	SFT1408-2.5	HG1520QS-HEZR	GY1510DS-HULR	R14-8B1-FSW	R14-5B1-FSW
	BNK1520	BNK1616	W15...FA...10	LSFT1510-2.5	GE1505DS-BALR	GY1520BS-HULR	R15-10A1-FSW	R15-20A1-FSW
	BLK1510	JPF2005	W16...FA...16	SFT1604-2.5	GE1510DS-BALR	GP1505DS-BALR	R16-4B1-FSW	R20-5T3-FSI
			W15...KA...10	SFT1604-5	GE1510AS-BALR	GG1505DS-BALR	R20-5T3-OFSI	R20-5T4-FSI
			W14...FS...5	UPFC1520-1.5	GE1520AS-BALR	GG1510DS-BALR	R20-5T4-FDI	R15-20S1-FSH
			W15...FS...10	PFT1408-2.5	GE1616AS-BTLR	GG1510AS-BALR	R16-16S2-FSH	R16-16S4-FSH
			W16...FS...32	LPFT1510-2.5	GR1505DS-BALR	GG1520AS-BALR	R16-16A1-FSV	2R15-10U2-DFSH
			VFA1520	PFT1604-3	GR1510DS-BALR	GG1616AS-BTLR	2R15-20S2-DFSH	2R16-16S2-DFSH
			SFT1405-2.5	PFT1604-5	GR1604DS-BAPR	GR1510AS-BALR	2R16-32V2-DFSH	
			SFT1405-5	USFC1520-1.5	GW1510ES-HULR	GR1520AS-BALR		
			W14...FA...8	W14...FS...8	GW1510DS-HULR	GW1520BS-HULR		
			W15...FA...20	W16...FS...16	GY1510ES-HULR			
			W16...FA...32	VFA1510				
			W15...KA...20	PFT1405-2.5				
			PFT1405-5					
MC2010	BNK2010	BNF2008	W20...FA...10	LSFT2016-2.5	FE2510PS-HPNR	GR2010AS-BALR	R20-10B1-FSW	R20-20A1-FSW
	BNF2010A		W20...KA...20	LSFT2020-1.5	FE2525PS-HPNR	GR2020AS-BALR		
			W20...FS...20	W20...FA...20	FR2510PS-HPNR	FG2510PS-HPNR		
			LSFT2010-2.5	W20...FS...10	GE2010DS-BALR	FG2525PS-HPNR		
			LPFT2010-2.5	LPFT2016-2.5	GE2020AS-BALR	FR2525PS-HPNR		
MC2020			LPFT2020-1.5		GG2020AS-BALR	GG2010DS-BALR		
					GR2025AS-BAPR	GR2010DS-BALR		

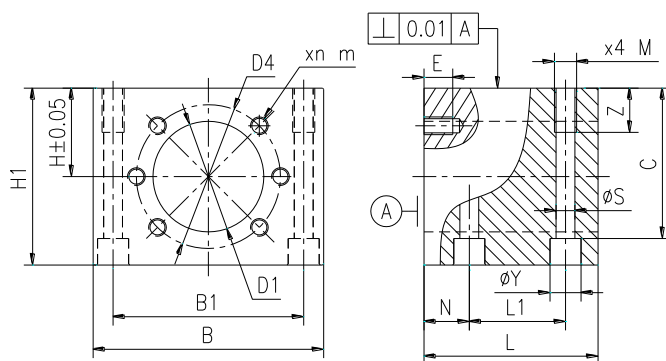
Application table continued below.

Application table continued.

Model	Ball Screw Manufacturer			
	PMI		TBI	Rexroth
MC1004	R14-4T3-FSIC	R14-4T4-FSIC	SFK01004	
	R14-5T3-FSIC	R10-4B1-FSWC		
	R10-5B1-FSWC	FSIW1404-4.0P		
MC1205	R12-4B1-FSWC	R12-5B1-FSWC	SFV01205-2.8	SFV01210-2.7
	R12-10B1-FSWE	R12-10B1-FDWE	XSVR1210B1	
	FSWW1204-2.5P	FSVW1405-2.5P		
MC1408	FSIW2005-4.0P	FSKW1510-5.6P	SFV01510-2.7	SFV01604-3.8
	R16-4A2-FSWC	R16-4B1-FSWC	DFV01510-2.7	DFV01604-3.8
	R16-4C1-FSWC	R15-5B1-FSWC	SFI01610-3	SFI02004-4
	R15-10B1-FSWC	R14-4B1-FSWC	SFI02005-4	SFI02005T-4
	R20-5T3-FSIC	R20-5T4-FSIC	DFI02004-4	DFI02005-4
	R20-5T6-FSWC	R20-6T3-FSIC	SFE01632-3	SFE01632-6
	R20-5T2-FOIC	R20-5T3-FOIC	XSVR01510B1	XSVR01520A1
				FBZ-E-S20x5 FSZ-E-S20x5 FEM-E-S16x16 FEM-E-S20x5 FEM-E-S20x10 SEM-E-S16x16 SEM-E-S20x5 FDM-E-S20x5
MC2010	R20-10B1-FSWE	R20-10B1-FDWE	SFV02010-2.7	SFV02020-1.8
	R20-10C1-FSWE	R20-10C1-FDWE	DFV02010-2.7	XSVR02010B1
	R20-16A1-FSWE	R20-16A1-FDWE	XSVR02020A1	
	R20-16B1-FSWE	R20-16B1-FDWE		
	R20-20A1-FSWE	R20-20A1-FDWE		

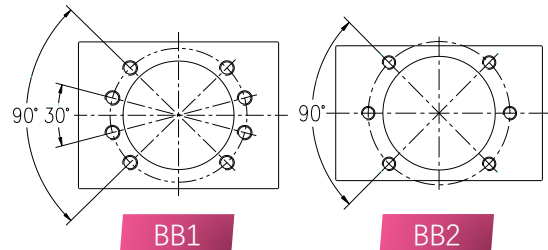
MGD Type Ball Screw Nut Bracket

MGD type ball screw nut bracket dimensions:



Product Specifications:

Material	C45
Surface treatment:	Black oxide



Model	D1	L	B	D4	m	E	n	Config	H	H1	B1	L1	N	M	Z	S	φ	C
MGD12	24.4	35	50	32	M4	8	6	BB2	18	34	35	16	11	M6	10	5.2	9.5	27
MGD16	28.4	50	70	38	M5	10	6	BB2	24	46	50	20	20	M10	15	8.5	14	37
MGD20	36.4	55	75	47	M6	11	6	BB2	28	54	55	23	22	M10	15	8.5	14	45
MGD25	40.4	55	80	51	M6	11	6	BB2	30	58	60	23	22	M10	15	8.5	14	49
MGD32	50.4	70	100	65	M8	14	6	BB2	35	68	75	30	27	M16	20	14	20	52
MGD40	63.4	80	120	78	M8	17	8	BB1	42	82	90	35	31	M18	25	16	23	66
MGD50	75.4	95	140	93	M10	17	8	BB1	48	94	110	45	34	M20	30	18	26	75

Unnoted dimensions in [mm]

MGD type ball screw nut bracket application table:

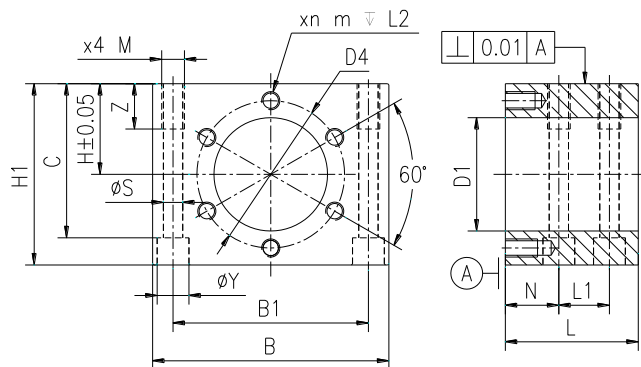
	Ball Screw Manufacturer									
Model	THK			NSK		KURODA	HIWIN			
MGD12										
MGD16	EBA1605 EBB1605	EBC1605 EPC1605	EPA1605 EPB1605				R16-5T3-FSI-DIN	R14-10K3-FDC	R14-10K3-FSC	
MGD20	EBA2005 EBB2005	EBC2005 EPC2005	EPA2005 EPB2005				R20-5T3-FSI-DIN R20-10K3-FSC	R20-10K3-FDC R20-20K2-FDC	R20-5T4-FSI-DIN R20-5K4-FDC	
MGD25	EBA2505 EBB2505 EBC2505 EPA2505	EPB2505 EPC2505 EPB2510 EPC2510	EBA2510 EBB2510 EBC2510 EPA2510	PSS2505 PSS2520 FSS2510 FSS2525	PSS2550 FSS2520 PSS2510 PSS2525		R25-5K4-FSC R25-20K3-FSC R20-4B2-FSW-DIN R25-5T4-FSI-DIN	R25-5K4-FDC R25-20K3-FDC R25-10K3-FDC R25-25K2-FDC	R25-10K3-FSC R25-25K2-FSC R25-5T3-FSI-DIN R25-10T3-FSI-DIN	
MGD32	EBA3205 EBB3205 EBC3205 EPA3205	EPB3205 EPC3205 EPB3210 EPC3210	EBA3210 EBB3210 EBC3210 EPA3210			DR3210JS-DDPR DR3210JT-DDPR	R32-5T3-FSI-DIN R32-5T6-FSI-DIN R32-10T4-FSI-DIN R32-10K5-FSC R32-32K2-FSC	R32-10K5-FDC R32-32K2-FDC R32-8K5-FDC R32-20K3-FDC R32-20K3-FSC	R32-5T4-FSI-DIN R32-10T3-FSI-DIN R32-8K5-FSC	
MGD40	EBA4005 EBB4005 EBC4005 EPA4005	EPB4005 EPC4005 EPB4010 EPC4010	EBA4010 EBB4010 EBC4010 EPA4010				R40-5T4-FSI-DIN R40-10T3-FSI-DIN R40-5K5-FSC R40-6K5-FSC	R40-8K5-FSC R40-5T6-FSI-DIN R40-10T4-FSI-DIN R40-5K5-FDC	R40-6K5-FDC R40-8K5-FDC	
MGD50	EBA5010 EBB5010 EBC5010		EPA5010 EPB5010 EPC5010				R50-5T4-FSI-DIN R50-5T6-FSI-DIN R50-10T3-FSI-DIN R50-10T4-FSI-DIN R50-10T6-FSI-DIN R50-8K5-FSC	R45-40K3-FSC R45-10K5-FDC R45-12K5-FDC R45-16K5-FDC R45-40K3-FDC R45-20K4-FDC	R45-10K5-FSC R45-12K5-FSC R45-16K5-FSC R45-20K4-FSC R45-25K4-FSC R50-8K5-FDC	

Application table continued below.

	Ball Screw Manufacturer							
Model	PMI		TBI				Rexroth	
MGD12			SFU1204-4	SFS01205-2.8	SFS01210-2.8			
MGD16	FSIN1605-3.0P		SFS01606-3.8	SFS01616-2.8	SFU01605-4	DFU01605-4	FEM-E-C 16x5	SEM-E-C 16x10
			SFS01610-2.8	SFS01620-1.8	SFU01610-3	DFU01610-3	FEM-E-C 16x10	SEM-E-C 16x16
			SFS01616-1.8	DFU01604-4	DFS01605-3.8	SFU01604-4	FEM-E-C 16x16	FDM-E-C 16x5
			DFS01610-2.8				SEM-E-C 16x5	
MGD20	FSIN2005-4.0P		SFS02005-3.8	DFU02004-4	SFS02006-4.8	DFS02008-4.8	FEM-E-C 20x5	FEM-E-C 20x5
			SFS02008-4.4	DFS02006-4.8	SFS02010-3.8	SFU02004-4	FEM-E-C 20x20	SEM-E-C 20x5
			SFS02020-1.8	DFU02005-4	SFS02020-2.8			
			DFS02005-3.8	SFU02005-4	DFS02010-3.8			
MGD25	FSIN2505-4.0P	FSIN2510-4.0P	SFS02505-3.8	SFS02525-2.8	DFS02505-3.8	DFU02508-4	FEM-E-C 25x5	SEM-E-C 25x10
	BL02505	BL02510	SFS02506-4.8	SFU02506-4	DFS02506-4.8	DFU02510-4	FEM-E-C 25x10	SEM-E-C 25x25
	BL02525	R20-10T4-FSDC	SFS02508-4.8	SFU02505-4	DFS02508-4.8	DFU02506-4	FEM-E-C 25x25	FDM-E-C 25x5
	R25-5T4-FSDC	R25-10T4-FSDC	SFS02510-3.8	SFU02508-4	DFS02510-3.8	DFU02505-4	SEM-E-C 25x5	FDM-E-C 25x10
	R25-20T2-FSDC	R25-25T2-FSDC	SFS02525-1.8	SFU02510-4	SFU02504-4	DFU02504-4		
	R20-10T4-FDDC	R25-5T4-FDDC						
	R25-10T3-FDDC	R25-20T2-FDDC						
	R25-25T2-FDDC							
MGD32	FSIN3205-4.0P FSIN3210-4.0P		SFS03205-3.8	SFS03232-2.8	DFS03220-2.8	SFU03206-4	FEM-E-C 32x5	SEM-E-C 32x10
			SFS03206-4.8	DFU03210-4	SFU03204-4	SFU03210-4	FEM-E-C 32x10	SEM-E-C 32x20
			SFS03208-4.8	DFS03205-3.8	SFU03205-4	DFU03205-4	FEM-E-C 32x20	SEM-E-C 32x32
			SFS03210-3.8	DFS03206-4.8	SFU03208-4	DFU03208-4	FEM-E-C 32x32	FDM-E-C 32x5
			SFS03220-2.8	DFS03208-4.8	DFU03204-4			
			SFS03232-1.8	DFS03210-3.8	DFU03206-4			
MGD40	FSIN4005-4.0P FSIN4010-4.0P		SFS04005-3.8	SFS04040-1.8	DFS04010-3.8	SFU04005-4	FEM-E-C 40x5	SEM-E-C 40x10
			SFS04006-4.8	SFS04040-2.8	DFS04020-2.8	SFU04006-4	FEM-E-C 40x10	SEM-E-C 40x20
			SFS04008-4.8	DFS04005-3.8	DFU04005-4	SFU04010-4	FEM-E-C 40x20	SEM-E-C 40x40
			SFS04010-3.8	DFS04006-4.8	DFU04006-4	DFU04008-4	FEM-E-C 40x40	FDM-E-B 40x20
			SFS04020-2.8	DFS04008-4.8	SFU04008-4	DFU04010-4	SEM-E-C 40x5	FDM-E-B 40x40
MGD50	FSIN5010-4.0P FSIN5010-6.0P		SFS05005-3.8	SFS05050-1.8	DFS05020-3.8	DFU05010-4	FEM-E-C 50x5	SEM-E-C 50x20
			SFS05010-3.8	DFS05005-3.8	SFS05050-2.8	DFU05020-4	FEM-E-C 50x10	SEM-E-C 50x40
			SFS05012-3.8	DFS05010-3.8	SFU05010-4			
			SFS05020-3.8	DFS05012-3.8	SFU05020-4			
							FEM-E-C 50x40	FDM-E-C 50x40
				SEM-E-C 50x5				
				SEM-E-C 50x10				

MGS Type Ball Screw Nut Bracket

MGS type ball screw nut bracket dimensions:



Product Specifications:

Material	C45
Surface treatment:	Black oxide



Model	D1	L	B	D4	n	m*note1	L2	H	H1	B1	L1	N	M	Z	S	Φ	C
MGS20	34.4	40	75	45	6	M5 / M6	10	32	62	56	20	10	M10	15	8.5	14	51
MGS25	40.4	40	85	50	6	M4 / M5 / M6	10	34	65	63	20	10	M10	15	8.5	14	54
MGS32-1	48.4	50	95	60	6	M4 / M5 / M6	10	38	75	72	26	12	M12	15	10.5	17.5	61
MGS32-2	56.4	60	105	68	6	M6	12	42	82	82	30	15	M16	20	14	20	64
MGS40-1	63.4	65	120	78	6	M8	14	50	98	93	35	15	M18	25	16	23	79.5
MGS40-2	72.4	80	140	90	6	M10	18	58	113	108	46	17	M20	30	18	26	92
MGS50	68.4	65	130	82	6	M8	14	52	101	100	35	15	M18	30	16	23	82.5

Note 1: Specify "m" upon order.

Unnoted dimensions in [mm]

MGS type ball screw nut bracket application table:

Model	Ball Screw Manufacturer															
	NSK			KURODA						HIWIN						
MGS20	W14...FA...5	SFT1604-2.5	PFT1408-2.5	HG1520QS-HEZR	GY1510DS-HULR	GW1510DS-HULR	R14-8B1-FSW			R14-5B1-FSW						
	W15...FA...10	SFT1604-5	LPFT1510-2.5	GE1505DS-BALR	GY1520BS-HULR	GW1520BS-HULR	R15-10A1-FSW			R15-20A1-FSW						
	W16...FA...16	UPFC1520-1.5	PFT1604-3	GE1510DS-BALR	GP1505DS-BALR	GY1510ES-HULR	R16-4B1-FSW			R20-5T3-FSI						
	W15...KA...10	W14...FA...8	PFT1604-5	GE1510AS-BALR	GG1505DS-BALR		R20-5T3-OFSI			R20-5T4-FSI						
	W14...FS...5	W15...FA...20	USFC1520-1.5	GE1520AS-BALR	GG1510DS-BALR		R20-5T4-FDI			R15-20S1-FSH						
	W15...FS...10	W16...FA...32	SFT1405-5	GE1616AS-BTLR	GG1510AS-BALR		R16-16S2-FSH			R16-16S4-FSH						
	W16...FS...32	W15...KA...20	SFT1408-2.5	GR1505DS-BALR	GG1520AS-BALR		R16-16A1-FSV			2R15-10U2-DFSH						
	VFA1520	W14...FS...8	LSFT1510-2.5	GR1510DS-BALR	GG1616AS-BTLR		2R15-20S2-DFSH			2R16-16S2-DFSH						
	SFT1405-2.5	W16...FS...16	PFT1405-2.5	GR1604DS-BAPR	GR1510AS-BALR		2R16-32V2-DFSH									
	PFT1405-5	VFA1510		GW1510ES-HULR	GR1520AS-BALR											
(ALL M5)				(ALL M5)						(ALL M5)						
MGS25	M4: RNFTL2005A2.5	M5: RNFLC2020	M5: PSS2005	M4: GY2005DS-HULR	M5: GY2020ES-HULR	M5: HG2020QS-HEZR	M4: R20-4C1-FSB			M5: R20-20S2-FSH						
	RNFTL2005A2.5S	BSS2005	PSS2010	GY2005DS-CTLR	HG2040QS-HEZR	GW2020DS-HULR	R20-5B1-FSB			R20-20S4-FSH						
	RNFBL2005A2.5S	BSS2010	PSS2020	GW2005DS-HULR	GY2040QS-HEZR	GW2020ES-HULR										
		BSS2020	FSS2010		HG2030QS-HEZR	GW2020QS-HEZR										
MGS32-1	M5: W20...FA...10	M5: SFT2008	M6: RNFLC2525	M5: GE2010DS-BALR	M5: FR2525PS-HPNR	M6: GR2505DT-CALR	M4: R20-6B1-FSW			M6: R25-10B2-FSV						
	W20...FA...20	DFT2008	DFD2510-3	GG2010DS-BALR	GR2504DT-CAPR	GR2505ET-CALR	R20-6C1-FSW			R32-5T3-FSI						
	W20...KA...20	LPFT2010	LSFC2525	GE2020DS-BALR	GR2504ET-CAPR	GW2525DS-HULR	R20-6B1-FDW			R32-5T4-FSI						
	W20...FS...10	LPFT2020	LPFC2525	GG2020DS-BALR	GR2010AS-BALR	GW2525ES-HULR	R20-6C1-FDW			R32-5T6-FSI						
	W20...FS...20	LSFT2020		FE2510PS-HPNR	GR2010DS-BALR	GY2525DS-HULR	R20-20A1-PFDW			R25-10T3-FDI						
	PFT2006	SFD3205		FG2510PS-HPNR	GR2020AS-BALR	GY2525ES-HULR	R20-6B1-OFSW			R32-5T3-FDI						
	SFT2006	ZFD3205		FE2525PS-HPNR	DR3205JS-CDPR		R32-5T4-FDI			R20-10B1-FSW						
	DFT2006	LSFT2010		FG2525PS-HPNR	DR3205KS-CDPR		R32-5T6-FDI			R20-20A1-FSW						
	PFT2008			FR2510PS-HPNR	DR3205JT-CDPR		R32-5T3-OFSI									
MGS32-2							M5: R25-6B2-FSW			M5: R28-6A2-FDW						
							R25-6C1-FSW			R25-6A2-OFSW						
							R25-6B2-FDW			R25-6C1-OFSW						
							R25-6C1-FDW			R32-5B2-FSB						
							R28-5B1-FSW									
							R28-5B2-FSW									
Application table continued below.																
MGS32-2							R28-6A2-FSW			R32-10T3-FSI						
							R28-6B1-FSV			R32-10T4-FSI						
							R28-5B1-FDW			R32-10T3-OFSI						
							R28-5B2-FDW			R32-10T4-FDI						
							R36-6B1-FSV									
							R36-6B1-FDV									

Ball Screw Manufacturer									
Model	THK		PMI			TBI		Rexroth	
MGS20	BNK1408	BNK1510	FSIW2005-4.0P	R20-5T6-FSWC	R14-4B1-FSWC	SFV01510-2.7	SFV01604-3.8	M6:	M6:
	BNK1520	BNK1616	R16-4A2-FSWC	R20-5T2-FOIC	R20-5T4-FSIC	DFV01510-2.7	DFV01604-3.8	FBZ-E-S20x5	SEM-E-S20x5
	BLK1510	JPF2005	R16-4C1-FSWC	FSKW1510-5.6P	R20-6T3-FSIC	SFI01610-3	SFI02004-4	FSZ-E-S20x5	FDM-E-S20x5
			R15-10B1-FSWC	R16-4B1-FSWC	R20-5T3-FOIC	SFI02005-4	SFI02005T-4	FEM-E-S16x16	
			R20-5T3-FSIC	R15-5B1-FSWC		DFI02004-4	DFI02005-4	FEM-E-S20x5	
						SFE01632-3	SFE01632-6	FEM-E-S20x10	
						XSVR01510B1	XSVR01520A1	SEM-E-S16x16	
		(ALL M5)			(ALL M5)		(ALL M5)		
MGS25	M4:	M5:	M4:	M5:		M4:	M5:	M6:	M6:
	BNFN1605	BLK2020	FSBW2004-2.5P	FSKW2020-3.6P		SFV02004-4.8	SFE02020-3	FBZ-E-S25x5	FEM-E-S25x10
	BNF1605		FSBW2005-2.5P			DFV02004-4.8	SFE02020-6	FBZ-E-S25x10	SEM-E-S20x20
	BIF1605		FSVW2005-2.5P					FSZ-E-S25x5	SEM-E-S25x5
	BIF1606							FSZ-E-S25x10	SEM-E-S25x10
	BNF1606							FEM-E-S20x20	FDM-E-S25x5
	BTK2005							FEM-E-S25x5	FDM-E-S25x10
MGS32-1	M4:	M5:	M4:	M5:	M6:	M5:	M6:	M6:	M6:
	BIF2006	BNK2010	R20-6**-FSWC	R20-8**-FDWC	R20-10T4-FSIC	XSVR02010B1	SFE02525-3	FBZ-E-S32x5	SEM-E-S32x5
	BNFN2006	BNK2020	R20-6**-FDWC	R20-8A1-FOWC	R32-5**-FSIC	XSVR02020A1	SFE02525-6	FBZ-E-S32x10	SEM-E-S32x10
	BNFN2008		R20-10**-FSWE		R32-5**-FDIC		SFM03205-4	FSZ-E-S32x5	FDM-E-S32x5
	BNFN2010A	M6:	R20-16**-FSWE		R28-10T2-FOIC		SFM0325t-4	FSZ-E-S32x10	FDM-E-S32x10
	BNFN2012	BNK2520	R20-20A1-FSWE		R32-5**-FOIC		DFM03205-4	FEP-E-S25x25	
	BNF2006	BLK2525	R20-10**-FDWE		R32-6**-FOIC		DFM032T-4	FEM-E-S25x25	
	BNF2008		R20-16**-FDWE		FSIW3205-4.0P			FEM-E-S32x5	
	BNF2010A		R20-20A1-FDWE		FSKW2525-3.6P			FEM-E-S32x10	
	BNF2012				FSKW2525-7.2P			SEM-E-S25x25	
MGS32-2								M6:	M6:
								FSZ-E-S32x20	FEM-E-S40x5
								FSZ-E-S40x5	SEM-E-S32x20
								FEP-E-S32x32	SEM-E-S32x32
								FEP-E-S32x64	SEM-E-S40x5
								FEM-E-S32x20	FDM-E-S40x5
								FEM-E-S32x32	

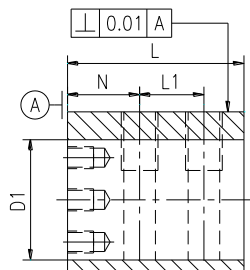
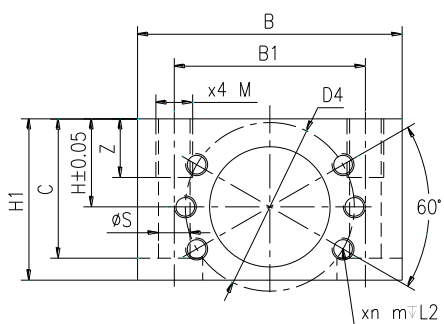
NH Type Ball Screw Nut Bracket

NH type ball screw nut bracket classification:

Illustration:			
Classification:	NH08A	4 Nut Mounting Thread	6 Nut Mounting Thread
Description:	Applicable ball screw diameter: 8mm Ball screw interface: 6 threaded holes	Applicable ball screw diameter: 12-50mm Ball screw interface: 4 threaded holes	Applicable ball screw diameter: 32-50mm Ball screw interface: 6 threaded holes

NH Type Ball Screw Nut Bracket – NH08A

NH type (NH08A) ball screw nut bracket dimensions:



Product Specifications:

Material	C45
Surface treatment:	Black oxide



Model	D1	L	B	D4	m	L2	n	H	H1	B1	L1	N	M	Z	S	C
NH08A	16.4	24	36	23	M3	6	6	12	22	26	8	10	M4	8	3.3	19

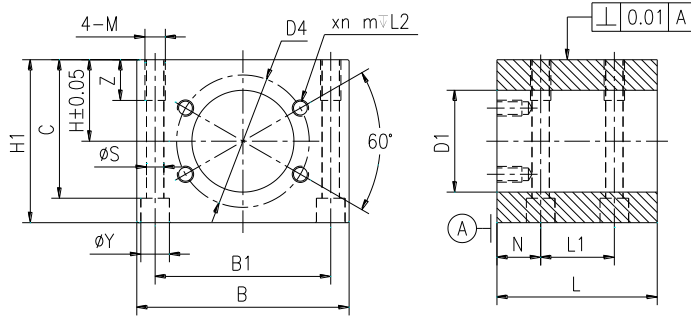
Unnoted dimensions in [mm]

NH type (NH08A) ball screw nut bracket application table:

	Ball Screw Manufacturer										
Model	THK	NSK		HIWIN		PMI	TBI	Rexroth	KSS		
NH08A	MDK0802-3	W08--KA--2	W08--MS--01	R16-4B2-FSV	R8-2T3-FSI	F5MC0802	SFK0082.5	FEM-E-S8x2.5	SG0802.5	SRT0802.5	FDB0802.5A
		W08--MS--02	RMA0802					SEM-E-S8x2.5	SR0801	SSRT0801	MRB0801
		BMS0802	MSFD0802-3						SR0802.5	FBS0602B	MRB0802.5
		MPFD0802-3	MSFD1001-3						SSR0801	FBS0602A	TMB0801
		MPFD1001-3							SRT0801	FBS0602.5A	2TMB0801

NH Type Ball Screw Nut Bracket – 4 Nut Mounting Thread

NH type (4 nut mounting thread) ball screw nut bracket dimensions:



Product Specifications:

Material	C45
Surface treatment:	Black oxide



Model	D1	L	B	D4	m	L2	n	H	H1	B1	L1	N	M	Z	S	Φ	C
NH12A	30.4	40	58	40	M4	8	4	19	36	44	18	15	M8	10	6.8	11	32
NH16A	30.4	45	60	39	M4	8	4	22	42	44	22	15	M10	15	8.5	14	36
NH16B	32.4	40	64	42	M4	8	4	20	38	48	16	15	M10	15	8.5	14	30
NH16C	40.4	46	68	51	M5	10	4	25	48	52	18	20	M10	15	8.5	14	40
NH20A	35.4	56	70	46	M5	10	4	24	46	52	28	20	M10	15	8.5	14	40
NH20B	40.4	46	72	51	M5	10	4	27	52	56	18	20	M10	15	8.5	14	46
NH20C	44.4	50	76	55	M5	10	4	29	56	60	22	20	M10	15	8.5	14	50
NH20D	46.4	56	80	59	M5	10	4	30	57	64	28	20	M10	15	8.5	14	52
NH25A	40.4	56	74	51	M5	10	4	25	48	56	28	20	M10	15	8.5	14	42
NH25B	43.4	50	78	55	M5	10	4	28	54	60	20	20	M10	15	8.5	14	46
NH25C	46.4	56	78	57	M5	10	4	28	54	60	26	20	M10	15	8.5	14	46
NH25D	50.4	50	84	61	M5	10	4	31	60	68	20	20	M10	15	8.5	14	52
NH25E	58.4	70	96	71	M6	12	4	35	67	76	40	20	M10	15	8.5	14	60
NH25F	60.4	75	116	78	M8	16	4	37	72	84	46	20	M10	15	8.5	14	64
NH32D	58.4	68	112	73.5	M8	16	4	39	76	84	30	24	M16	25	14	22	62
NH32E	68.4	70	124	84.5	M8	16	4	42	81	96	30	25	M16	25	14	22	70
NH40D	73.4	76	138	93	M10	20	4	45	86	110	32	30	M18	27	15.5	25	72
NH40E	76.4	80	138	96	M10	20	4	50	96	110	35	30	M18	27	15.5	25	82
NH50C	90.4	90	160	112	M12	22	4	55	106	128	38	35	M20	30	17.5	28	90

Unnoted dimensions in [mm]

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NH type (4 nut mounting thread) ball screw nut bracket application table:

Table 1: NH12 to NH16 (4 nut mounting thread) application table

Model	Ball Screw Manufacturer								
	THK		NSK			KURODA		HIWIN	
NH12A	BNK1205-2.5 BNK1208-2.6		W12--FA--5	W12--FA--10	VFA1210	GY1204DS-HANR	GW1204DS-HANR	R12-4B1-FSW	R12-4C1-FSW
			W12--KA--5	W12--KA--10	PFT1204-3	GY1505DS-CTLR	GE1205DS-BALR	R12-5B1-FSW	R14-2.54T3-FSI
			W12--FS--1	W12--FS--2	SFT1204-3	GR1205DD-BALR	GG1205DS-BALR	R12-5B1-FSW	R12-10B1-FSW
			W12--FS--4	RNFTL1405	PFT1205-3	GP1250DS-BALR	GR1250DS-BALR	R16-4B2-FSV	R12-4B1-FSB
			SFT1204-2.5	PFT1204-2.5	SFT1205-3				
			PFT1205-2.5	LPFT120-2.5	LSFT120-2.5				
NH16A	DIK1605-6 JPF1605-4	JPF1605-4	PSS1505	USS1505	PSS1510			R12-4B1-FSB	
			FSS1510						
NH16B	BLK1616-2.8	BLK1616-3.6	RNFC1616	LSFC1616-3	LPFC1616-3	GY1516BS-HULR	GY1520BS-CTLR	R16-16S2-FSH	R16-16S4-FSH
	BLK1616-3.6	BLK1616-7.2	LSFC1616-6	LPFC1616-6		GW1516BS-HULR		R16-5B1-FSV	R16-6T4-FSI
	MBF1404-3.7								
NH16C	BNFN1610-1.5	BIF2004-5	W16--FA--10	PFT1605-3	DFT1605-3	GR2004DT-AALR	GR2004DT-CALR	R16-5B1-FSW	R16-5C1-FSW
	BNFN2004-2.5	BNFN2004-5	PFT1605-5	SFT1605-2.5	PFT1606-2.5	GR2004ET-AALR	GR2004ET-CALR	R16-5B2-FSW	R16-5B2-FDW
	DIK2508-4	DIK2508-6	SFT1605-3	SFT1605-5	DFT1606-2.5	GR2004DD-AALR	GR2004DD-CALR	R16-5B1-FDW	R16-5C1-FDW
	DIK2510-4	BNF1610-1.5	DFT1605-2.5	SFT1606-2.5	DFT1606-3	GR2004ED-AALR	GR2004ED-CALR	R25-2.5T5-FSI	R25-4T4-FSI
	BNF2004-2.5	BNF2004-5	DFT1605-5	SFT1606-3	LPFT1616-1.5	DR2505JS-CDPR	DR2510JS-CDPR	R25-5T3-FSI	R25-5T4-FSI
	JPF2505-6	DK2504-3	PFT2004-5	LSFT1616-1.5	DFT2004-2.5	DR2505JS-DDPR	DR2510JS-DDPR	R25-5T5-FSI	R25-5T6-FSI
	DK2504-4	DK2506-4	DFT2004-5	SFT2004-2.5	SFT2004-5	DR2505JT-CDPR	DR2505JT-DDPR	R25-2.5T5-FDI	R25-5T4-PFDI
	DK2505-3	DK2508-3	SFD2505-4	SFD2506-3	SFD2505-3	GR2004DS-AALR	GR2005DS-CHLR	R25-5T3-PFDI	R25-6T4-PFDI
	DK2505-4	DK2508-4	SFD2506-4	ZFD2505-6	BSL2006	GR2004ES-AALR	GR2004ES-CHLR	R16-5A1-OFWS	
	DK2506-3	DK2510-3	BSL2505	ZFD2506-6	BSS2505			R16-5B1-OFWS	R20-5C1-FSB
	DK2510-4	JPF2505-6	BSS2520	BSS2510	BSS2525			R20-4B2-FSW	
			BSS2530	BSS2550					

Application table continued below.

Table 1 continued: NH12 to NH16 (4 nut mounting thread) application table

Model	Ball Screw Manufacturer					
	PMI		TBI		KSS	
NH12A	FSIC1606	FSWC1204	SFV1205-2.8	SFV1210-2.7	MRB1404	
	FSWC1205	FSWE1210	XSVR01210B1			
	FDWE1210	FSWW1204				
	FSVW1404	FSVW1405				
NH16A	FSIC1604	FSIC1605	SFI01604-4	SFI01605-4	FBS1203B	FBS1601B
	FDIC1604	FDIC1605	DFI01604-4	DFI01605-4	FBS1204B	FBS1602.5B
	FSIW1605	BLO1510FA			FBS1205A	FBS1203B
NH16B	FSKW1510		SFE01616-3	SFE01616-6	SG1404	FBS1403B
					FBS1403B	FBS1405B
					FBS1404B	FBS1602B
					FBS1602.5B	FBS1601B
NH16C	FSIC2504	FSIC2505	SFV1605-4.8	SFV1610-2.7		
	FSIC2506	FSIC2508	DFV1605-3.8	DFV1610-2.7		
	FDIC2505	FDIC2506	SFI02504-4	SFI02505-4		
	FOIC2504	FOIC2505	DFI02504-4	DFI02505-4		
	FOIC2508	FSWC1605				
	FSWC1606	FSWC1610				
	FDWC1605	FDWC1606				
	FDWC2004	FOWC2004				

Application table continued.

Table 2: NH20 to NH25 (4 nut mounting thread) application table

Model	Ball Screw Manufacturer								
	THK			NSK			KURODA		
NH20A	DIK2005-6			SFD2005-3 SFD2005-4	SFD2006-3 SFD2006-4	ZFD2005-6 ZFD2006-6			
NH20B	BNFN1610-1.5	BIF2004-5	BNF2004-5	W16--FA--10	PFT1605-3	DFT1606-3	GR2004DT-AALR	GR2004DT-CALR	DR2510JS-CDPR
	BNFN2004-2.5	BNFN2004-5	DK2504-3	PFT1605-5	SFT1605-2.5	LPFT1616-1.5	GR2004ET-AALR	GR2004ET-CALR	DR2510JS-DDPR
	DIK2508-4	DIK2508-6	DK2506-4	SFT1605-3	SFT1605-5	DFT2004-2.5	GR2004DD-AALR	GR2004DD-CALR	DR2505JT-DDPR
	DIK2510-4	BNF1610-1.5	DK2508-3	DFT1605-2.5	DFT1605-3	SFT2004-5	GR2004ED-AALR	GR2004ED-CALR	GR2005DS-CHLR
	BNF2004-2.5	JPF2505-6	DK2508-4	DFT1605-5	PFT1606-2.5	SFD2505-3	DR2505JS-CDPR	GR2004DS-AALR	GR2004ES-CHLR
	DK2505-4	DK2504-4	DK2510-3	SFT1606-2.5	DFT1606-2.5	ZFD2505-6	DR2505JS-DDPR	GR2004ES-AALR	DR2505JT-CDPR
	DK2506-3	DK2505-3	DK2510-4	SFT1606-3	LSFT1616-1.5	ZFD2506-6			
	JPF2505-6			SFD2506-4	SFT2004-2.5	BSL2006			
				BSL2505	PFT2004-5	BSS2505			
				BSS2510	DFT2004-5	BSS2520			
				BSS2525	SFD2505-4	BSS2530			
				BSS2550	SFD2506-3				
NH20C	BIF2005-5	BNFN2005-2.5	BNF2005-3	PFT2005-3	PFT2005-5	DFT2005-2.5	GW2505DS-HULR		GY2505DS-HULR
	BNFN2005-3	BNFN2005-3.5	BNF2005-5	SFT2005-2.5	SFT2005-3	DFT2005-5	GW2505ES-HULR		GY2505ES-HULR
	BNFN2005-5	DIK2006-6	JPF2806-6	SFT2005-5	DFT2005-3	SFD2510-3			
	BNF2005-2.5	BNF2005-3.5	JPF2805-6	BSL2506	ZFD2510-4				
	BTK2505-2.6								
NH20D	BNK2010-2.5		BNF2008-2.5	W20--FA--10		W20--FA--20	GR2504DT-AAPR	GR2504DT-CAPR	GR2010DD-BALR
	BNK2020-3.6		BNF2010A-1.5	W20--KA--20		W20--FS--09	GR2504ET-AAPR	GR2504ET-CAPR	GR2504DD-CAPR
	BNF2012-1.5			W20--FS--13		W20--FS--10	GR2008DD-AAPR	GR2008DD-CAPR	GR2504ED-CAPR
				W20--FS--15		LPFT2010-2.5	GR2010AD-AALR	GR2010AD-BALR	FE2525PS-HPNR
				LSFT2010-2.5		LPFT2016-2.5	GR2010DD-AALR	GR2504ED-AAPR	FE2525PS-HPNR
				LSFT2016-2.5		LPFT2020-1.5	GR2504DD-AAPR	FE2510PS-HPNR	FG2525PS-HPNR
				LSFT2020-1.5			GE2010DS-BALR	FG2510PS-HPNR	GG2010DS-BALR
							GG2020DS-BALR	FR2510PS-NPNR	GE2020DS-BALR
							GR2010AS-AALR	FR2525PS-NPNR	GR2010DS-AALR
							GR2010AS-BALR	GR2032AS-BAPR	GR2010DS-BALR
							GR2032AS-AALR	GR2008DS-AAPR	GR2020DS-AALR
							GR2025DS-AALR	GR2008DS-CAPR	GR2020DS-BALR
NH25A	BNFN1610-1.5	BIF2004-5		W16--FA--10	PFT1605-3	DFT1606-2.5	GR2004DT-AALR		GR2004DT-CALR
	BNFN2004-2.5	BNFN2004-5		PFT1605-5	SFT1605-2.5	DFT1606-3	GR2004ET-AALR		GR2004ET-CALR
	DIK2508-4	DIK2508-6		SFT1605-3	SFT1605-5	LPFT1616-1.5	GR2004DD-AALR		GR2004DD-CALR
	DIK2510-4	BNF1610-1.5		DFT1605-2.5	DFT1605-3	DFT2004-2.5	GR2004ED-AALR		GR2004ED-CALR
	BNF2004-2.5	BNF2004-5		DFT1605-5	PFT1606-2.5	SFT2004-5	DR2505JS-CDPR		DR2510JS-CDPR
	JPF2505-6	DK2504-3		SFT1606-2.5	SFT2004-2.5	SFD2505-3	DR2505JS-DDPR		DR2510JS-DDPR
	DK2504-4	DK2506-4		SFT1606-3	PFT2004-5	ZFD2505-6	DR2505JT-CDPR		DR2505JT-DDPR
	DK2505-3	DK2508-3		LSFT1616-1.5	DFT2004-5	ZFD2506-6	GR2004DS-AALR		GR2005DS-CHLR
	DK2505-4	DK2508-4		SFD2505-4	BSL2505	BSL2006	GR2004ES-AALR		GR2004ES-CHLR
	DK2506-3	DK2510-3		SFD2506-3	BSS2510	BSS2505			
	JPF2505-6	DK2510-4		SFD2506-4	BSS2525	BSS2520			
				BSS2550	BSS2530				
NH25B	JPF2805-6	BTK2505-2.6	JPF2806-6	ZFD2510-4		SFD2510-3	GW2505DS-HULR GY2505ES-HULR	GW2505ES-HULR	GY2505DS-HULR
NH25C	BNFN2504-2.5	WGF2550-1		W25--FA--20	W25--FA--25	LSFT2516-2.5	GY2505ES-CTLR		GR2006BD-AAPR
	WGF2550-3	WTF2550-2		W25--FS--13	W25--FS--21	LPFT2520-3	GR2006BD-CAPR		GR2006DD-AAPR
	WTF2550-3	WTF2550-6		RNFTL202.5	RNFTL202.5S	LSFT2520-2.5	GR2006DD-CAPR		GR2006BS-CAPR
	CNF2550-6			LPFT2516-2.5	LPFT2516-3	LSFT2525-1.5	GR2006BS-AAPR		GR2006DS-CAPR
				LSFT2516-3	LSFT2520-3	SFT2504-5	GR2006DS-AAPR		
				LPFT2520-2.5	LPFT2525-1.5	ZFT2504-10			
NH25D	DIK2506-6	BNF2505-2.5		PFT2008-2.5	SFT2008-2.5	SFT2505-5	GR2504DT-AAPR		DR3205JS-DDPR
	BNF2505-3	BNF2505-3.5		SFT2008-3	DFT2008-2.5	ZFT2505-5	DR3205JS-CDPR		DR3205JT-DDPR
	BNF2505-5	BIF2505-5		DFT2008-3	PFT2505-3	DFT2505-3	DR3205JT-CDPR		DR3205KT-DDPR
				PFT2505-5	SFT2505-2.5	SFD3205-3	DR3205KT-CDPR		
				SFT2505-3	SFT2505-7.5	ZFD3205-8			
				SFD3205-4	ZFT2505-10	SFD3205-6			
				SFD3206-3	DFT2505-7.5	SFD3206-4			
				SFD3206-6	ZFD3205-6	ZFD3206-6			
				ZFD3206-8					
NH25E	BIF2508-5	BNFN2508-2.5	BNFN3205-4.5	PFT2508-2.5	PFT2508-3	ZFT2510-3	GR3205DT-CALR		GR3205DT-DALR
	BNFN2508-3.5	BNFN2508-5	BNFN3205-7.5	SFT2508-2.5	SFT2508-3	SFT2510-2.5	GR3205ET-CALR		GR3205ET-DALR
	BIF2510A-5	BNFN2510A-2.5	BNF2508-3	ZFT2508-5	DFT2508-3	DFT2510-3.5	GR3205DD-CALR		GR3205DD-DALR
	BIF3205-5	BIF3205-10	BNF2508-5	PFT2510-2.5	PFT3205-3	PFT3205-5	GR3205ED-CALR		GR3205ED-DALR
	BNFN3205-3	BNF2508-2.5	WGF3060-3	PFT2510-3	PFT3205-7.5	SFT3205-2.5	GR3205FD-CALR		GR3205FD-DALR
	BNFN3205-5	BNF2508-3.5	BNF3205-2.5	DFT2510-3	SFT3205-3	SFT3205-5	GR3205DS-CALR		GR3205DS-DALR
	BNF3205-3	BNF2510A-2.5	BNF3205-5	SFT2510-3.5	SFT3205-7.5	ZFT3205-5	GR3205ES-CALR		GR3205ES-DALR
	BNF3205-7.5	WGF3060-1	WTF3060-3	DFT3205-7.5	ZFT3205-10	DFT3205-3	GR3205FS-CALR		GR3205FS-DALR
	WTF3060-2	WGF3090-1.5	HBN3210-5						
	CNF3060-6	WTF3060-6							
NH25F	BTK2510-5.3						GW2510ES-HULR		GY2510ES-HULR

Application table continued below.

Table 2 continued: NH20 to NH25 (4 nut mounting thread) application table

Model	Ball Screw Manufacturer									
	HIWIN			PMI			TBI		KSS	
NH20A	R20-5B1-FSV R20-5T3-PFDI	R20-5C1-FSV R20-5B2-FDV	R20-5B2-FSV R20-5B1-FDV							
NH20B	R16-5B1-FSW	R16-5C1-FSW	R25-5T3-PFDI	FSIC2504	FSIC2505	FDWC1605	SFV1605-4.8	SFV1610-2.7		
	R16-5B2-FSW	R16-5B2-FDW	R25-6T3-PFDI	FSIC2506	FSIC2508	FSIW2505	DFV1605-3.8	DFV1610-2.7		
	R16-5B1-FDW	R16-5C1-FDW	R16-5B1-OFSW	FOIC2504	FOIC2505	FDWC1606	SFI02504-4	SFI02505-4		
	R25-2.5T5-FSI	R25-4T4-FSI	R20-5C1-FSB	FOIC2508	FSWC1605	FOWC2004	DFI02504-4	DFI02505-4		
	R25-5T3-FSI	R25-5T4-FSI	R25-6T4-PFDI	FSWC1606	FSWC1610					
	R25-5T5-FSI	R25-5T6-FSI	R16-5A1-OFSW							
NH20C	R25-2.5T5-FDI	R25-5T4-PFDI	R20-4B2-FSW							
	R25-6B2-FSV	R25-6C1-FSV	R20-5B2-FSW	FSIC3204	FSIC2510	FOWC2005	SFV2005-4.8	DFV2005-4.8		
	R25-6B2-FDV	R25-6C1-FDV	R20-5B2-FDW	FSIC2806	FSIC3204	FSBW2504	SFT02005-5			
	R20-5B1-PFDW	R20-5B2-PFDW	R20-5B1-FDW	FDIC2510	FOIC2510	FSWW2005	DFT02005-5			
	R20-5B1-OFSW	R20-5A2-OFSW	R20-5C1-FSW	FOIC2806	FOIC3204	FSBW2505				
NH20D	R25-2.5A2-DFSV	R25-5B1-FSB		FSWC2005	FDVC2506					
	R20-10B1-FSW		R20-20A1-FSW	FSWE2010 FSWE2020	FDWE2016 FDWE2020	FSWE2016 FDWE2010	SFV2010-2.7 DFV2010-2.7 XSVR02020A1	SFV2020-1.8 XSVR02010B1	FBS2010T	
NH25A	R16-5B1-FSW	R16-5C1-FSW	R25-6T3-PFDI	FSIC2504	FDWC1605	FSWC1605	SFV1605-4.8	SFV1610-2.7		
	R16-5B2-FSW	R16-5B2-FDW	R16-5B1-OFSW	FSIC2506	FDWC2004	FSWC1610	DFV1605-3.8	DFV1610-2.7		
	R16-5B1-FDW	R16-5C1-FDW	R20-5C1-FSB	FOIC2504	FSIC2505	FDWC1606	SFI02504-4	SFI02505-4		
	R25-2.5T5-FSI	R25-4T4-FSI	R16-5A1-OFSW	FOIC2508	FSIC2508	FOWC2004	DFI02504-4	DFI02505-4		
	R25-5T3-FSI	R25-5T4-FSI	R20-4B2-FSW	FSWC1606	FOIC2505					
	R25-5T5-FSI	R25-5T6-FSI	R25-6T4-PFDI							
NH25B	R25-2.5T5-FDI	R25-5T4-PFDI	R25-5T3-PFDI							
	R25-6B2-FSV	R25-2.5A2-DFSV	R25-6C1-FDV	FSIC2806	FSBW2504	FSWW2005				
NH25C	R25-6B2-FDV	R25-6C1-FSV	R25-5B1-FSB	FOIC2806	FOIC2510	FSBW2505				
				FDVC2506	FOIC3204					
NH25D	R25-4B2-OFSW	R25-4B2-FSW	R25-2.5A1-FSV	FSWC2504		FDWC2504				
	R25-20B1-FSV	R25-4B1-OFSW		FOWC2504		FSWW2505				
NH25E	R28-8A2-FDV	R32-6T3-PEDI	R25-5B2-FSW	FSWC2008	FSWC2505	FSWW2505	SFV2505-4.8	SFV2525-1.8		
	R25-5B1-PFDW	R25-5A2-FDW	R32-6T4-PEDI	FDWC2008	FDWC2505		DFV2505-4.8	SFT02505-5		
	R25-5C1-PFDW	R25-5B2-PFDW		FOWC2008	FOWC2505		DFT02505-5			
NH25F	R25-10B2-FSW	R25-10A2-FSW	R32-5B1-OFSW	FSWC2508	FSWE2520	FOWC2510	SFV2508-4.8	SFV3205-4.8		
	R32-5C1-FSV	R25-5C1-FSW	R32-5A2-OFSW	FDWC2508	FSWC2510	FDWE2520	DFV2508-4.8	SFT03205-5		
	R32-5B1-FDW	R32-5B2-PFDW	R32-5B2-FSW	FOWC2508	FDWC2510		DFT03205-5			
	R32-5C1-FDW	R32-5B2-FSV	R32-5B2-OFSW							
NH25G	R32-5C1-OFSW	R32-5B2-FDW	R32-5B1-PFDW							
				FSWW2510 FSIN4010		FSIN4005				

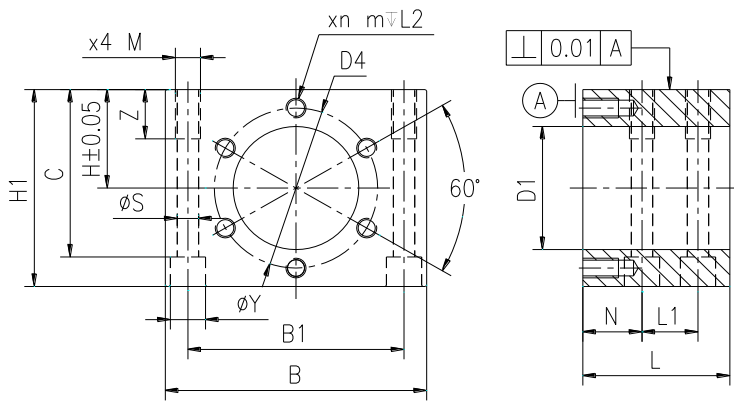
Application table continued.

Table 3: NH32 to NH50 (4 nut mounting thread) application table

Model	Ball Screw Manufacturer									
	THK		NSK			KURODA	HIWIN		PMI	TBI
NH32D	BNFN2505-3.5	BLK3232-2.8	RNFCL3264A3	RNFCL3264A3S	LPFC3232-6	GY3232BS-HUBR	R28-10B2-FDV	R32-32S2-FSH	FSKW3232	SFE03232-3
	BLK3232-3.6	BLK3232-3.6	RNFCL3264A6	RNFCL3264A6S	USFC3264-3		R32-32S4-FSH	R32-10B2-FSV		SFE03232-6
	BLK3232-7.2		LSFC3232-3	LSFC3232-6	USFC3264-6					
			LPFC3232-3	USFC3264-1	UPFC3264-6					
NH32E	BNF2810-2.5	BLK3636-2.8					R40-10B2-FSV	R40-25B1-FSV	FSIC4012	
	BLK3636-3.6	BTk3210-2.6					R40-10C1-FSV	R40-40A1-FSV	FSWW3210	
	BTk3210-5.3	BLK3636-3.6					R40-32B1-FSV	R40-10C1-FDV	FSVC4010	
	BLK3636-7.2						R40-10B2-FSV	R40-12A1-FDV		
NH40D	BLK4040-2.8	BLK4040-3.6	LSFC4040-3	LSFC4040-6		GY4040BS-HUBR	R40-40S2-FSH	R40-40S4-FSH	FSKW4040	SFE04040-3
	WGF4080-1	WGF4080-3	LPFC4040-3	LPFC4040-6						SFE04040-6
	BLK4040-3.6	BLK4040-7.2								
	WTF4080-2	WTF4080-3								
NH40E	SBK3620-7.6									
	BTk4010-5.3		RNFBI4010S	HZC4016-5		GY4010ES-HUBR GY4020ES-HUBR	R40-10B2-FSB			
NH50C	BLK5050-2.8	BLK5050-3.6	ZFD6312-6	SFD6312-4	LSFC5050-3		R63-12T4-PEDIR	R63-12T6-PEDI	FDIC6312	SFE05050-3
	WGF50100-1	WGF50100-3	SFD6312-6	DFD6312-4	LSFC5050-6		R50-50S2-FSH	R50-50S4-FSH	FSIC6312	SFE05050-6
	BLK5050-3.6	BLK5050-7.2	DFD6312-6	LPFC5050-3	LPFC5050-6					
	WTF50100-2	WTF50100-3								

NH Type Ball Screw Nut Bracket – 6 Nut Mounting Thread

NH type (6 nut mounting thread) ball screw nut bracket dimensions:



Product Specifications:

Material: C45

Surface treatment: Black oxide



Model	D1	L	B	D4	m	L2	n	H	H1	B1	L1	N	M	Z	S	Φ	C
NH32A	48.4	64	95	60.5	M5	10	6	39	76	70	30	20	M16	25	14	22	62
NH32B	54.4	84	110	70	M8	16	6	46	90	82	50	20	M16	25	14	22	76
NH32C	58.4	64	105	71	M6	12	6	43	84	78	30	20	M16	25	14	22	70
NH32F	74.4	84	130	90	M8	16	6	56	110	100	44	25	M16	25	14	22	96
NH40A	58.4	80	114	72	M8	16	6	46	90	86	40	25	M18	27	15.5	25	74
NH40B	62.4	82	120	82	M10	20	6	53	104	90	36	30	M18	27	15.5	25	88
NH40C	67.4	80	124	83	M8	16	6	52	102	94	35	30	M18	27	15.5	25	86
NH40F	82.4	95	146	102	M10	20	6	64	126	116	50	30	M18	27	15.5	25	110
NH50A	74.4	100	132	92	M10	20	6	59	116	100	48	35	M20	30	17.5	28	98
NH50B	80.4	90	140	96	M8	16	6	59	116	108	38	35	M20	30	17.5	28	98
NH50D	94.4	100	160	113	M10	20	6	69	136	128	48	35	M20	30	17.5	28	118

Unnoted dimensions in [mm]

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NH type (6 nut mounting thread) ball screw nut bracket application table:

Table 1: NH32 to NH50 (6 nut mounting thread) application table

Model	Ball Screw Manufacturer						
	THK	NSK			KURODA		
NH32A	DIK2506-6	ZFD3205-6	ZFD3205-8	SFD3206-4	DR3205JS-CDPR	DR3205JS-DDPR	DR3205KT-DDPR
		SFD3205-4	SFD3205-6	ZFD3206-6	DR3205JT-CDPR	DR3205JT-DDPR	DR3205KT-CDPR
		ZFD3206-8	SFD3206-3	SFD3206-6			
		SFD3205-3					
NH32B	JPF3210-6	SFD3210-3	SFD3210-4	ZFD3210-6	GE2525AS-BALR	GG2525AS-BALR	GR2525DS-AALR
		DFD3210-4			GR2525AS-AALR	GR2525AS-BALR	GR2540DS-AALR
NH32C	BIF3205 BNFN3205 BNF2508 BNF2510A WGF3060 BNF3205 WGF3090 WTF3060 HBN3210-5 CNF3060-6	PFT2508-2.5	PFT2508-3	ZFT2510-3	GR3205DT-CALR	GR3205DT-DALR	GR3205ED-CALR
		SFT2508-2.5	SFT2508-3	SFT2510-2.5	GR3205ET-CALR	GR3205ET-DALR	GR3205FD-CALR
		ZFT2508-5	DFT2508-3	DFT2510-3.5	GR3205DD-CALR	GR3205DD-DALR	GR3205DS-CALR
		PFT2510-2.5	PFT2510-3	PFT3205-5	GR3205ES-CALR	GR3205ED-DALR	GR3205DS-DALR
		PFT3205-7.5	DFT2510-3	SFT3205-2.5	GR3205FS-CALR	GR3205FD-DALR	GR3205ES-DALR
		SFT3205-3	SFT2510-3.5	SFT3205-5	GR3205FS-DALR		
		SFT3205-7.5	PFT3205-3	ZFT3205-5			
		ZFT3205-10	DFT3205-7.5	DFT3205-3			
NH32F	BIF3210A BNFN4008 BNFN3210A BNF3210A BNF4008 BLK3620 BTK3610 BTK3620	PFT3210-2.5	PFT3210-3	DFT3210-5	GY3610ES-HUBR	GR4008DS-DALR	GR3210DD-DALR
		PFT3210-5	ZFT3210-3	PFT3212-2.5	GY3620ES-HUBR	GR4008ES-DALR	GR3210ED-DALR
		ZFT3210-5	SFT3210-2.5	ZFT3212-3	GR4008DS-CALR	GR4505BS-DAPR	GR3212DD-DAPR
		SFT3210-3	SFT3210-3.5	SFT321-3	GR4008ES-CALR	GR4505CS-DAPR	GR4505BD-DAPR
		SFT3210-5	SFT3210-5	DFT3212-3	GR4505BS-CAPR	GR3210BD-DALR	GR4505CD-DAPR
		DFT3210-3	ZFT3210-10	SFD5008-6	GR4505CS-CAPR	GR3210BD-CALR	GR3210BS-DALR
		SFD5008-4	PFT3212-3	PFT4008-3	GR4505CD-CAPR	GR3210DD-CALR	GR3210DS-DALR
		ZFD5008-8	SFT321-2.5	SFT4008-2.5	GR3210BS-CALR	GR3210ED-CALR	GR3210ES-DALR
		PFT4008-5	DFT3212-2.5	SFT4008-5	GR3210DS-CALR	GR3212DD-CAPR	GR3212DS-DALR
		SFT4008-3	ZFT4008-5	ZFT4008-10	GR3210ES-CALR	GR4505BD-CAPR	GR3212GS-DALR
		DFT4008-3	RNFBL3610		GR3212DS-CALR	GR3620DS-CALR	GR3620DS-CALR
					GR4008DD-CALR	GR3624DS-CAPR	GR3620DS-DALR
					GR4008ED-CALR	GR3624DS-DAPR	GR4008ED-DALR
					GR4008DD-DALR		
NH40A		SFD4005-4	SFD4005-6	SFD4006-6			
		ZFD4005-8	ZFD4005-12	ZFD4006-12			
		SFD4006-4	ZFD4006-8				
NH40B	BNFN2808 BNF2808 JPF4010-6	SFD4010-3	SFD4010-4	ZFD4010-6	DR4010JS-CDPR	DR4010JS-DDPR	DR4010JT-CDPR
				ZFD4010-8	DR4010KS-CDPR	DR4010KS-DDPR	DR4010KT-CDPR
					DR4010JT-DDPR	DR4010KT-DDPR	
NH40C	BNFN4005 BNF4005	PFT4005-3	PFT4005-5	SFT4005-3	GR4005DD-CAPR	GR4005DD-DAPR	GR4005FD-CAPR
		PFT4005-7.5	SFT4005-2.5	SFT4005-7.5	GR4005ED-CAPR	GR4005ED-DAPR	GR4005DS-CAPR
		ZFT4005-10	ZFT4005-5	SFT4005-5	GR4005ES-CAPR	GR4005FD-DAPR	GR4005ES-DAPR
		DFT4005-7.5	DFT4005-3		GR4005DS-DAPR		
NH40F	BIF4010 BNFN4010 BNF4010 SBN3616-5 SBN3612-7	SFD6308-4	SFD6308-6	SFT4010-3.5	GR4010BS-CALR	GR4010BS-DALR	GR4508FS-DAPR
		ZFD6308-8	PFT4010-2.5	SFT4010-7	GR4010DS-CALR	GR4010DS-DALR	GR4010DT-DALR
		PFT4010-3	PFT4010-5	ZFT4010-6	GR4010ES-CALR	GR4010ES-DALR	GR4010BT-DALR
		PFT4010-7	SFT4010-2.5	ZFT4010-10	GR4508BS-CAPR	GR4508BS-DAPR	GR4010GT-DALR
		SFT4010-3	SFT4010-5	LPFT5025-3	GR4508ES-CAPR	GR4508ES-DAPR	GR4010BD-DALR
		LSFT5025-2.5	ZFT4010-5	LSFT5025-3	GR4508FS-CAPR	GR4010BT-CALR	GR4010DD-DALR
		LPFT5032-2.5	ZFT4010-7	LPFT5032-3	GR4010DT-CALR	GR4010GT-CALR	GR4010ED-DALR
		LSFT5032-2.5	LPFT5025-2.5	LSFT5032-3	GR4508FD-CAPR	GR4010BD-CALR	GR4508BD-DAPR
		LPFT5040-2.5	LPFT5050-1.5	LSFT5040-2.5	GR4010ED-CALR	GR4010DD-CALR	GR4508ED-DAPR
		HZC4020-3.5	LSFT5050-1.5		GR4508BD-CAPR	GR4508ED-CAPR	GR4508FD-DAPR
NH50A		HZC4020-7.5	HZC4020-5		DR5010JS-CDPR	DR5010KS-CDPR	DR5010JT-DDPR
					DR5010JS-DDPR	DR5010KS-DDPR	DR5010KT-DDPR
					DR5010JT-CDPR	DR5010KT-CDPR	
NH50B	BTK4010-5.3 HBN5012-7.5	SFT5005-3	HZC4016-5	SFT5005-4.5			
		ZFT5005-6	ZFT5005-9				
NH50D	BIF5010 BNFN5010 BNF5010	SFT5010-2.5	SFT5010-3	DFT5010-3	GR5010BS-CALR	GR5010BS-DALR	GR5040AS-DAPR
		SFT5010-5	SFT5010-7.5	DFT5010-7.5	GR5010DS-CALR	GR5010DS-DALR	GR5050AS-DAPR
		ZFT5010-5	ZFT5010-7	PFT5010-7.5	GR5010ES-CALR	GR5010ES-DALR	GR5010DT-DALR
		ZFT5010-10			GR5010FS-CALR	GR5010FS-DALR	GR5010ET-DALR
					GR5040AS-CAPR	GR5010DT-CALR	GR5010BD-DALR
					GR5050AS-CAPR	GR5010ET-CALR	GR5010ED-DALR
					GR5010FD-CALR	GR5010BD-CALR	GR5010FD-DALR

Application table continued below.

Table 1 continued: NH32 to NH50 (6 nut mounting thread) application table

Model	Ball Screw Manufacturer									
	HIWIN				PMI		TBI		Rexroth	
NH32A	R32-5T3-PEDI	R32-5T4-PEDI			FSWC2008	FDWC2008				
NH32B	R32-8B2-FSV	R32-8C1-FSV	R32-25B1-FSV	R32-20B1-FSV	FSIC3210	FSIC3605	SFI03210-4	DFI03210-4		
	R32-10B1-FSV	R32-32A1-FSV	R32-16B1-FSV	R32-8B1-FDV	FDIC3210	FDIC3605				
	R32-8B2-FDV	R32-8T3-PEDI	R32-8C1-FDV	R32-8T4-PEDI	FOIC3210	FOIC3212				
NH32C	R32-5B1-FDW	R32-5B1-PFDW	R32-5B2-FDW	R32-5B1-OFSW	FSWC2508	FSWC2510	SFV2508-4.8	SFV3205-4.8		
	R32-5C1-FDW	R32-5A2-OFSW	R32-5B2-PFDW	R25-10A2-FSW	FDWC2508	FDWC2510	DFV2508-4.8	SFT03205-5		
	R32-5C1-OFSW	R32-5B2-OFSW	R32-5B2-FSW		FOWC2508	FOWC2510	DFT03205-5			
NH32E	R40-10B2-FSV	R40-32B1-FSV	R40-25B1-FSV	R40-10B1-FDV	FSIC4012	FSVC4010				
	R40-10C1-FSV	R40-10C1-FDV	R40-40A1-FSV	R40-10B2-FDV	FSWW3210					
	R40-12A1-FDV	R40-10B2-FSV	R40-40A2-DFSV							
NH32F	R40-16B2-FSV	R32-12A2-FSW	R45-10B1-FSV	R32-16A2-FSW	FDIC4512	FDIC4516	SFV3210-4.8	SFV3220-2.7	FDM-E-S50x10Rx6-4	
	R45-10B2-FSV	R32-10B2-FSW	R32-12B2-FSW	R32-16B2-FSW	FDIC5008	FOIC5008	DFV3210-4.8	DFV3220-2.7	FDM-E-S50x10Rx6-6	
	R32-20A2-FSW	R32-16B1-FSW	R32-10C1-FSW	R32-20B1-FSW	FSWC3210	FSWC3212	SFT03210-5	SFT03220-2.5	SEM-E-S40x40Rx6-2	
	R40-8B2-FSW	R36-12A2-FDW	R32-10B2-FDW	R40-8C1-FSW	FSWC4008	FDWC3210	DFT03210-5	DFT03220-2.5	SEM-E-S50x40Rx6.5-2	
	R40-12B1-FDV	R36-8B2-FDW	R32-10A2-FDW	R40-12B2-FDV	FDWC3212	FDWC4008			FEM-E-S50x10Rx6-6	
	R32-8B3-FDW	R40-8C1-FDW	R36-8A2-FDW	R32-12C1-FDW	FSVC4510	FDVC4510			FEM-E-S50x16Rx6-6	
	R32-12B2-FDW	R45-10T4-FDI	R40-8B1-FDW	R32-12B1-FDW	FOWC3210	FOWC3212			FEM-E-S40x40Rx6-2	
	R32-10C1-FDW	R32-10B1-OFSW	R40-8B2-PFDW	R40-8B2-FDW	FOWC4008	FSWE3216				
	R32-10B1-FDW	R32-12A1-OFSW	R50-8T6-PEDI	R45-12T3-FDI	FSWE3220	FDWE3216				
	R45-16T3-FDI	R36-16B1-OFSW	R32-10A1-OFSW	R32-10B1-PFDW	FDWE3220	FSVW4010				
	R32-10B2-PFDW	R40-8C1-OFSW	R32-12B1-OFSW	R32-10C1-PFDW						
	R40-8B1-PFDW	R32-10B1-OFSW	R40-8B1-OFSW	R40-8B2-OFSW						
	R50-8T4-PEDI	R45-10B1-FDV	R32-10B2-FDW	R45-10B2-FDV						
NH40A	R40-5.08T6-FSI	R40-6T4-FDI	R40-6T4-FSI	R40-6T6-FDI	FSIC4005	FSIC4006	SFI04005-4	DFI04005-4		
	R40-6T6-FSI	R40-5T4-PEDI	R50-10T3-FSI	R40-5T6-PEDI	FDIC4005	FDIC4006				
	R50-10T4-FSI	R40-6T4-PEDI	R50-10T6-FSI	R40-6T6-PEDI	FOIC4005	FOIC4006				
	R50-12T3-FSI	R40-5B2-FSV	R50-12T4-FSI	R40-6T6-OFSI	FSVC4005	FDVC4005				
	R40-6T4-OFSI	R40-5B2-FDV	R40-5B1-FDV		FSIW4005					
NH40B	R36-10B2-FSV	R40-10T3-PEDI	R40-10T4-PEDI	R36-10B2-FDV	FSVC3610	FDVC3610	SFI04010-4	DFI04010-4		
NH40C	R40-5B2-OFSW				FSWC4005	FDWC4005	SFV4005-4.8	DFV4005-4.8		
					FOWC4005		SFT04005-5	DFT04005-5		
NH40F	R40-10A2-FDW	R63-8T6-PEDI	R63-8T4-PEDI	R401-10B2-FDW	FSIC6308	FDIC6308	SFV4010-4.8	SFV4020-2.7		
	R40-10B1-OFSW				FOIC6308	FSWC4010	DFV4010-4.8	DFV4020-2.7		
					FDWC4010	FOWC4010	SFT04010-5	SFT04020-2.5		
NH50A	R50-10T3-PEDI	R50-10T4-OFSI	R50-10T4-PEDI	R50-10T4-FSI	FDIC5010		DFT04010-5	DFT04020-2.5		
	R50-10T6-PEDI	R50-10T3-FSI	R50-10T3-OFSI	R50-10T6-FSI						
	R50-10T3-FDI	R50-10T6-FDI	R50-10T4-FDI							
NH50B	R50-5A2-FSW	R50-12T3-FDI	R50-5A3-FSW	R50-12T4-FDI	FSWC5005	FDWC4506	SFV5005-4.8	DFV5005-4.8		
	R50-A2-FDW	R50-12T3-OFSI	R50-A3-FDW	R50-12T3-FSI	FDWC5005					
	R50-12T4-FSI									
NH50D	R50-10B1-FDW	R50-10B2-OFSW	R50-10B2-PFDW	R50-10B1-PFDW	FSWC5010	FDWC5010	SFV5010-4.8	DFV5010-4.8		
	R50-10B1-OFSW				FOWC5010	FSWE5010	SFT05010-5	DFT05010-5		
					FSWE5012	FSWE5016				
					FDWE5010	FDWE5012				
					FDWE5016					

Application table continued.